

POLYPROPYLENE RESIN COMPOSITION FOR AUTOMOBILE COMPONENT PART

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Abstract of JP9165478

PROBLEM TO BE SOLVED: To prepare a resin compsn. for an automobile component part which has excellent dimming resistance, heat aging resistance, moldability and other properties by adding a particular additive to a composition comprising a crystalline polypropylene, an inorganic filler, and a rubber.

SOLUTION: A crystalline polypropylene (A) in an amt. of 50 to 95wt.%, 5 to 60wt.% inorganic filler (B) (e.g. talc), and 0 to 20wt.% rubber (C) (e.g. ethylene/propylene rubber) are mixed together. Subsequently, to the resultant compsn. in an amt. of 100 pts.wt. are added 0.01 to 5 pts.wt. antioxidant (D) having a percentage wt. reduction at 250 deg.C of not more than 5wt.% [e.g. tris(3,5- di-tert-butyl-4-hydroxybenzyl)isocyanurate], 0.01 to 5 pts.wt. epoxy resin (E), 0.001 to 1 pt.wt. hydrotalcite (F), 0.01 to 5 pts.wt. silicone oil, a low mol.wt. polyolefin having a hydroxyl group or polyethylene wax (G), and 0.01 to 5 pts.wt. synthetic silica (H), thus preparing a polypropylene resin compsn. for an automobile component.

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